

ABSTRACT

5 The present invention relates to a current
collector for an electrochemical cell. The current
collector has a unique grid structure comprised of a
frame supporting a plurality of radial strands as
conductors radiating outwardly from a focal point on a
connector tab. The frame and radial conductors are
maintained in a fan-like orientation with respect to
10 each other by two groups of concentric conductor
strands, one located adjacent to the tab, the other
spaced a substantial distance therefrom. The radiating
conductors provide a more direct path to the connector
tab for electron flow. This results in the current
15 collector having reduced internal resistance in
comparison to conventional current collector designs.

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